

Title (en)
Recording head unit

Title (de)
Aufzeichnungskopfeinheit

Title (fr)
Unité de tête d'enregistrement

Publication
EP 1127696 A3 20020320 (EN)

Application
EP 01104476 A 20010228

Priority

- JP 2000051362 A 20000228
- JP 2000083589 A 20000324
- JP 2000108351 A 20000410
- JP 2000302039 A 20001002
- JP 2001027672 A 20010205

Abstract (en)
[origin: EP1127696A2] Ink flow paths are formed that corresponds in number to the ink chambers of a mounted ink cartridge, to supply ink from the ink chambers to a recording head. These ink flow paths are constituted by first communication paths (59, 60), which communicate with the ink outlets of corresponding ink chambers, second communication paths (61, 67), which communicate with the corresponding ink inlets of the recording head, and convergent flow paths (65), which connect the first and the second communication paths and converge as they approach the recording head. Filters (56) are located in the second communication paths. <IMAGE>

IPC 1-7
B41J 2/175

IPC 8 full level
B41J 2/045 (2006.01); **B41J 2/05** (2006.01); **B41J 2/055** (2006.01); **B41J 2/16** (2006.01); **B41J 2/175** (2006.01)

CPC (source: EP US)
B41J 2/17513 (2013.01 - EP US); **B41J 2/17523** (2013.01 - EP US)

Citation (search report)

- [YA] US 5576750 A 19961119 - BRANDON FRED Y [US], et al
- [Y] EP 0930169 A1 19990721 - SEIKO EPSON CORP [JP]

Cited by
EP1541359A1; EP2047998A3; JP2012200961A; US7252374B2; US8469490B2; WO2013062860A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1127696 A2 20010829; EP 1127696 A3 20020320; EP 1127696 B1 20060426; AT E324266 T1 20060515; DE 60119003 D1 20060601; DE 60119003 T2 20061123; JP 2002178541 A 20020626; US 2001030676 A1 20011018; US 6634742 B2 20031021

DOCDB simple family (application)
EP 01104476 A 20010228; AT 01104476 T 20010228; DE 60119003 T 20010228; JP 2001027672 A 20010205; US 79415601 A 20010228